Atty. Dkt. No.: 080437.52869US

PATENT

IN THE CLAIMS:

Entry of the following amendments is respectfully requested in order to

place the present Application in condition for allowance:

1. (currently amended) A method for producing a load bearing structural

component for a motor vehicle, said structural component not including an

external body panel skin member and including at least two shell sections that

are attached to one another along flanges, comprising attaching the shell

sections of the structural component to one another by flanging.

2. (original) The method according to claim 1, further comprising

applying an adhesive, which is very strong and highly rigid after hardening, to at

least one of said flanges prior to the flanging.

3. (original) The method according to claim 2, wherein a single-

component epoxy adhesive is used as the adhesive.

4. (original) The method according to claim 1, wherein at least one of the

shell sections is produced by a deep-draw process.

5. (original) The method according to claim 1, wherein at least one of the

shell sections is made of a light metal alloy.

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6. (original) The method according to claim 2, wherein the flanging takes

place in a final station of a pressing line, following production of the shell

sections.

7. (original) The method according to claim 6, wherein the adhesive is

applied automatically to the flanges at an orienting station prior to the final

station.

8. (original) The method according to claim 1, further comprising heating

at least one of the shell sections prior to the flanging.

9. (original) The method according to claim 8, wherein the heating is

restricted locally to a linear area that undergoes a greatest deformation as a

result of the flanging.

10. (original) The method according to claim 8, wherein a heat-generating

device positioned outside of a tool or a flanging device is provided for the heating.

11. (original) The method according to claim 8, wherein a heat-generating

device positioned in a recess of a tool is provided for the heating.

12. (original) The method according to claim 1, wherein said structural

component is an elongated support component.

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13. (original) The method according to claim 6, wherein the flanging

takes place immediately following the production of the shell sections.

14. (original) The method according to claim 2, wherein at least one of the

shell sections is produced by a deep-draw process.

15. (original) The method according to claim 3, wherein at least one of the

shell sections is produced by a deep-draw process.

16. (original) The method according to claim 2, wherein at least one of the

shell sections is made of a light metal alloy.

17. (original) The method according to claim 3, wherein at least one of the

shell sections is made of a light metal alloy.

18. (original) The method according to claim 4, wherein at least one of the

shell sections is made of a light metal alloy.

19. (original) The method according to claim 1, wherein the flanging

takes place in a final station of a pressing line, following production of the shell

sections.

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20. (original) The method according to claim 3, wherein the flanging

takes place in a final station of a pressing line, following production of the shell

sections.

21. (original) The method according to claim 20, wherein the adhesive is

applied automatically to the flanges at an orienting station prior to the final

station.

22. (original) The method according to claim 4, wherein the flanging

takes place in a final station of a pressing line, following production of the shell

sections.

23. (original) The method according to claim 5, wherein the flanging

takes place in a final station of a pressing line, following production of the shell

sections.

24. (original) The method according to claim 1, further comprising

heating at least one of the shell sections during the flanging.

25. (original) The method according to claim 24, wherein the heating is

restricted locally to a linear area that undergoes a greatest deformation as a

result of the flanging.

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26. (original) The method according to claim 24, wherein a heat-

generating device positioned outside of a tool or a flanging device is provided for

the heating.

27. (original) The method according to claim 24, wherein a heat-

generating device positioned in a recess of a tool is provided for the heating.

28. (original) The method according to claim 9, wherein a heat-generating

device positioned outside of a tool or a flanging device is provided for the heating.

29. (original) The method according to claim 9, wherein a heat-generating

device positioned in a recess of a tool is provided for the heating.

30. (original) The method according to claim 1, further comprising

heating at least one of the shell sections prior to and during the flanging.

31. (withdrawn) A structural component for a motor vehicle, including at

least two shell sections that are attached to one another along flanges, produced

by the method of claim 1.

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